

Chris Harvey

From: Patty Huang [mltlab@seed.net.tw]
Sent: Tuesday, April 20, 2004 11:02 AM
To: Chris Harvey
Cc: Country Huang
Subject: Fw: Additional Information needed AN04T3802 FCC ID: REUWI011RE

Importance: High



manualr2.pdf (356 KB)

Chris,

As attachment please find as you request. I hope it is as you wish. Let us know if you have any questions.
Have a good day.

Patty

```
> ----- Original Message -----  
> From: <mltlab@seed.net.tw>  
> To: "Chris Harvey" <Chrisharveyemc@comcast.net>  
> Cc: "Country Huang" <tech@mlt.com.tw>; "Chris Harvey" <charvey-tcb@CCSEMC.com>; <patty@mltlab.com.tw>  
> Sent: Monday, April 19, 2004 11:31 PM  
> Subject: RE: Additional Information needed AN04T3802 FCC ID: REUWI011RE  
>  
>  
> >  
> > Dear Chris,  
> >  
> > Noted. I will ask our people to replace the following text as you suggested on  
> > page 4 of 20 in pdf user manual and hope it will be done. Will send  
> > the  
> user  
> > manual with your suggestion A.S.A.P.  
> >  
> > Federal Communications Commission (FCC) RF Exposure Requirements  
> > This equipment complies with FCC radiation exposure limits set forth  
> > for  
> an  
> > uncontrolled environment. This device is provided with an external antenna  
> > and minimum 20 cm spacing must be maintained between this PC  
Card/antenna  
> > and all person's body (excluding extremities of hands, wrist and  
> > feet) during wireless mode of operation. Further, this transmitter  
> > must not be co-located or operated in conjunction with any other  
> > antenna or  
> transmitter.  
> >
```

> > Please let us know if you still have any further questions. Thanks
> > a
lot.
> >
> > With Best Regards,
> > Patty Huang
> >
> >
> >
> > ?? Chris Harvey <Chrisharveyemc@comcast.net>:
> >
> > > Patty, it looks like you removed too much information from the
original
> > > manual. I would like to suggest the following text in order to be
consistent
> > > with the rest of the application, although you can change this
information if
> > > you wish.
> > >
> > >
> > >
> > > Federal Communications Commission (FCC) RF Exposure Requirements
> > >
> > > This equipment complies with FCC radiation exposure limits set
forth
for
> an
> > >
> > > uncontrolled environment. This device is provided with an external
antenna
> > >
> > > and minimum 20 cm spacing must be maintained between this PC
Card/antenna
> > >
> > > and all person's body (excluding extremities of hands, wrist and
feet)
> > >
> > > during wireless mode of operation. Further, this transmitter must
not
be
> > > co-located
> > >
> > > or operated in conjunction with any other antenna or transmitter.
> > >
> > >
> > >
> > > Please replace the current text on the top of page 4 of 20 in the
pdf manual.
> > >
> > >
> > >
> > > Best regards,
> > >
> > >
> > >
> > > Chris Harvey
> > >
> > >
> > >

> > > -----Original Message-----

> > > From: Patty Huang [mailto:mltlab@seed.net.tw]
> > > Sent: Friday, April 16, 2004 7:36 PM
> > > To: Chris Harvey
> > > Cc: Country Huang

> > > Subject: Fw: Additional Information needed AN04T3802 FCC ID:
REUWI011RE

> > > Importance: High

> > >

> > >

> > >

> > > Dear Chris,

> > >

> > >

> > >

> > > As attachment reviesed user manual as your request please find.

Thanks.

> > >

> > >

> > >

> > > Please let us know if it is accepted . Thanks for

> > >

> > > your attention.

> > >

> > >

> > >

> > > Have a good weekend.

> > >

> > >

> > >

> > > Regards,

> > >

> > > Patty Huang

> > >

> > > ----- Original Message -----

> > >

> > > From: Patty Huang <mailto:mltlab@seed.net.tw>

> > >

> > > To: Chris <mailto:Chrisharveyemc@comcast.net> Harvey

> > >

> > > Cc: 'Country Huang' <mailto:tech@mlt.com.tw> ; 'Chris

> > > <mailto:charvey-tcb@CCSEMC.com> Harvey'

> > >

> > > Sent: Friday, April 16, 2004 12:00 AM

> > >

> > > Subject: Re: Additional Information needed AN04T3802 FCC ID:
REUWI011RE

> > >

> > >

> > >

> > > Dear Chris,

> > >

> > >

> > >

> > > Thanks for your reply. For user manual revise as you request, will
keep

> you

> > > informed once it is available.

> > >

> > >
> > >
> > > Patty
> > >
> > > ----- Original Message -----
> > >
> > > From: Chris <mailto:Chrisharveyemc@comcast.net> Harvey
> > >
> > > To: 'Patty Huang' <mailto:mltlab@seed.net.tw>
> > >
> > > Cc: 'Country Huang' <mailto:tech@mlt.com.tw> ; 'Chris
> > > <mailto:charvey-tcb@CCSEMC.com> Harvey'
> > >
> > > Sent: Wednesday, April 14, 2004 11:28 PM
> > >
> > > Subject: Fw: Additional Information needed AN04T3802 FCC ID:
REUWI011RE
> > >
> > >
> > >
> > > Patty, I have reviewed the test report and can now accept that
document.
> > >
> > >
> > >
> > > However the Users Manual statements still have the same problem
> > > from
the
> > > original Request which I have copied below. Both conflicting RF
Safety
> > > statements are still in the new Manual (pages 3 and 4) and the
description of
> > > Internal Antenna is still in the 2nd statement. Please correct
> > > this
by
> > > removing the 1st statement and remove the statement about internal
antenna,
> > > since this has an external antenna.
> > >
> > >
> > >
> > >
> > >
> > > Original Request:
> > >
> > > 1. There are 2 conflicting statements for RF exposure in the Users
Manual.
> > > The first statement implies that
> > >
> > > this device can be operated at a separation distance to the body
> > > of
2.5
> > > cm,
> > > which would put this into the
> > >
> > > Portable category for FCC RF Exposure compliance (and then SAR
> > > would
be
> > > required). Since this device is

> > >
> > > not likely to be used at less than 20 cm separation to the body,
> > > the
> second
> > > statement is more appropriate (and
> > >
> > > the MPE calculation shows compliance as a Mobile category device).
> > > If
> you
> > > keep the second statement,
> > >
> > > please remove the reference to an 'internal antenna' as this
> > > device
has
> an
> > > antenna that is located external to the
> > >
> > > PC enclosure. I have copied the 2 statements here for your
> > > reference:
> > >
> > > 1st statement:
> > >
> > > Federal Communications Commission (FCC) Radiation Exposure
> > > Statement
> > >
> > > This equipment complies with FCC radiation exposure set forth for
> > > an
> > >
> > > uncontrolled environment. In order to avoid the possibility of
exceeding
> the
> > >
> > > FCC radio frequency exposure limits, human proximity to the
> > > antenna
> shall
> > >
> > > not be less than 2.5cm (1 inch) during normal operation.
> > >
> > > 2nd statement:
> > >
> > > Federal Communications Commission (FCC) RF Exposure Requirements
> > >
> > > This equipment complies with FCC radiation exposure limits set
> > > forth
for
> an
> > >
> > > uncontrolled environment. This device is provided with an internal
> antenna
> > >
> > > and minimum 20 cm spacing must be maintained between this PC Card
> > >
> > > and all person's body (excluding extremities of hands, wrist and
> > > feet)
> > >
> > > during wireless mode of operation. Further, this transmitter must
> > > not
be
> > > colocated

> > >
> > > or operated in conjunction with any other antenna or transmitter.
> > >
> > >
> > >
> > >
> > >
> > >
> > > Best regards,
> > >
> > >
> > >
> > >
> > > Chris Harvey
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: Patty Huang [mailto:mltlab@seed.net.tw]
> > > Sent: Thursday, April 08, 2004 9:52 PM
> > > To: Chris Harvey
> > > Cc: Country Huang
> > > Subject: Fw: ??? ?: Fw: Additional Information needed AN04T3802 FCC
ID:
>>> REUWI011RE
>>> Importance: High
>>>
>>>
>>>
>>> Dear Chris,
>>>
>>>
>>>
>>> As you request, please find our answer as following. Thanks.
>>>
>>>
>>>
>>>
>>> Q #1:
>>>
>>> The revised statements in page 4 of user's manual.
>>>
>>>
>>>
>>> Q #2:
>>>
>>> For test equipment as you request, it was already recorded on
>>> report
>>>
>>> previously only
>>>
>>> marked unclearly. Whatever we modified the report and please find
>>> it
on
> page
>>>
>>> 20 of report.
>>>
>>>
>>>
>>> We also modified the test frequency range on Page 18-20 and 26-31
>>> of
> report
>>>

>>> please find.

>>>

>>>

>>>

>>>

>>>

>>> Q #3:

>>>

>>> Please find Page 34-36 of report was revised.

>>>

>>>

>>>

>>> Q #5:

>>>

>>> The detail at the band edge was provided on Page 15 of report

>>> please

> find.

>>>

>>>

>>>

>>> Q#6:

>>>

>>> Modified. please refer on page 18-20 and 26-31 of report.

>>>

>>>

>>>

>>> Please feel free to contact with us if you have any questions.

>>> Thanks.

>>>

>>> At the meantime, please also let us know if it is accepted.

>>> Thanks.

>>>

>>>

>>>

>>> With Best Regards,

>>>

>>> Patty Huang

>>>

>>>

>>>

>>>

>>>

>>> ----- Original Message -----

>>>

>>> From: "Country Huang" <tech@mlt.com.tw>

>>>

>>> To: <mltlab@seed.net.tw>

>>>

>>> Sent: Thursday, April 08, 2004 9:13 PM

>>>

>>> Subject: Re: ??? ?: Fw: Additional Information needed AN04T3802 FCC

ID:

>>>

>>> REUWI011RE

>>>

>>>

>>>

>>>

>>>

>>>

>>> >>> ??? Chris Harvey <Chrisharveyemc@comcast.net>:

>>>

>>>>

> > >
> > > > > Country, I will try to respond by the question numbers from
> > > > > the
> > >
> > > original
> > >
> > > > > request of 3/28/2004:
> > >
> > > > >
> > >
> > > > > 1) I will wait for the revised user's manual statements to
> > > > > be
> > >
> > > submitted
> > >
> > > by
> > >
> > > > > your client.\
> > >
> > > >
> > >
> > >
> > >
> > >
> > >
> > > > > 2) Since your test report needs to be revised anyway, please
> include
> > >
> > > the
> > >
> > > > > revised statements as requested. For the Test Equipment
> > > > > list,
> the
> > >
> > > antennas
> > >
> > > > listed appear not to be capable of measuring to 25GHz. Were
other
> > >
> > > antennas
> > >
> > > > > used? Was other equipment, such as high frequency
pre-amplifiers
> > >
> > > used?
> > >
> > > >
> > >
> > >
> > >
> > > > > 3) The Power Integration method is good. Can you include
> > > > > this
> > >
> > > > information in
> > >
> > > > > the revised report?
> > >
> > > >
> > >

> > >
> > >
> > > > > 5) The plots do not show the detail at the band edge. The
> > > > > plot
> on
> > >
> > > page
> > >
> > > 50
> > >
> > > > displays 1-2.4GHz, which is 140MHz per division. Please
> > > > > provide
a
> > >
> > > plot
> > >
> > > > of
> > >
> > > > the lower band edge (2382-2402MHz would be good) while
> transmitting at
> > >
> > > > the
> > >
> > > > low channel. This would show the details needed to show
> compliance
> > >
> > > with
> > >
> > > > the
> > >
> > > > > requirements.
> > >
> > > >
> > >
> > > >
> > >
> > > > > 6) the tables on pages 26-31 show a limit of 74dBuV/m. The
15.209
> > >
> > > > Average
> > >
> > > > > Limit is 54dBuV/m @ 3meters. Please revise the report to
clearly
> > >
> > > state
> > >
> > > > the
> > >
> > > > > measurement distance, the detector used, the average and
> > > > > Peak
> limits
> > >
> > > and
> > >
> > > > > which emissions are in the restricted bands of 15.205.
> > >
> > > > >
> > >
> > >

> > >
> > >
> > >
> > > > > > Best regards,
> > >
> > > > > >
> > >
> > > > > > Chris Harvey
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > > > -----Original Message-----
> > >
> > > > > > From: mltlab@seed.net.tw [mailto:mltlab@seed.net.tw]
> > >
> > > > > > Sent: Friday, April 02, 2004 11:08 AM
> > >
> > > > > > To: Charvey-tcb@ccsemc.com
> > >
> > > > > > Cc: tech@mlt.com.tw
> > >
> > > > > > Subject: ???? Fw: Additional Information needed AN04T3802
> > > > > > FCC
> ID:
> > >
> > > > > > REUWI011RE
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > > > Dear Chris,
> > >
> > > > > >
> > >
> > > > > > Please kindly find as attachment for our reply in red
> > > > > > letter.
> > >
> > > > > > Please let us know if you have any questions.
> > >
> > > > > >
> > >
> > > > > > > With Best Regards,
> > >
> > > > > > > Patty Huang
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > > -----
> > >
> > > > > > This mail sent through Seednet Webmail

